MEK Wall

WHITEBODY WALL TILES
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Compliant with standards EN 14411:2012 annex L group BIII
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Sizes Sizes	**50x110 cm** 19 5/8"x43 1/4" 11mm	**50x110 cm** 19 5/8"x43 1/4" 8.5mm	

TECHNICAL FEATURES / TECHNICAL FEATURES				**Requirements for nominal size N** Requirements for nominal size N			**MEK WALL**
				7 cm ≤ N < 15 cm	N ≥ 15 cm		Matt
				(mm)	(%)	(mm)	
Regularity features		**Length and width** Length and width	ISO 10545-2	± 0,75 (*)	± 0,5 (*)	± 2,0 (*)	±0.3% ±1.0mm
		Thickness Thickness		± 0,5 (**)	± 10 (**)	± 0,5 (**)	±10.0% ±0.5mm
		Straightness of sides Straightness of sides		± 0,5 (***)	± 0,3 (***)	± 1,5 (***)	±0.3% ±0.8mm
		Rectangularity Rectangularity		± 0,75 (****)	± 0,5 (****)	± 2,0 (****)	±0.3% ±1.5mm
		Surface flatness Surface flatness		c.c. + 0,75 - 0,50	c.c. + 0,5 - 0,3	c.c. + 2,0 - 1,5	±0.3% ±1.5mm
				e.c. + 0,75 - 0,50	e.c. + 0,5 - 0,3	e.c. + 2,0 - 1,5	
				w. ± 0,75	w. ± 0,5	w. ± 2,0	
				EN 14411 annex L (Group BIII) EN 14411 annex L (Group BIII)	**ISO 13006 annex L (Group BIII)** ISO 13006 annex L (Group BIII)		
Structural features		**Water absorption level (in% by mass)** Water absorption level (in% by mass)	ISO 10545-3	**Average >10%. When the average > 20%, this shall be indicated. Individual value > 9%** Average >10%. When the average > 20%, this shall be indicated. Individual value > 9%			10%<EV≤20%
Bulk mechanical features		**Breaking strength** Breaking strength	ISO 10545-4	S ≥ 600 N			S ≥600 N
		Modulus of Rupture Modulus of Rupture		R ≥ 15 N/mm2			R ≥15 N/mm^2
Thermo-igrometric features		**Linear Thermal Expansion Coefficient** Linear Thermal Expansion Coefficient	ISO 10545-8	**Declare a value** Declare a value	**Test method available** Test method available		≤7 1/mk
		Thermal shock resistance Thermal shock resistance	ISO 10545-9	**Pass according to EN ISO 10545-1** Pass according to EN ISO 10545-1	**Test method available** Test method available		Resiste
		Expansion due to humidity (mm/m) Expansion due to humidity (mm/m)	ISO 10545-10	**Declare a value** Declare a value	**Test method available** Test method available		≤0.06% (0.6mm/m)
		Frost resistance Frost resistance	ISO 10545-12	**Pass according to EN ISO 10545-1** Pass according to EN ISO 10545-1	**Required** Required		
Physical properties		**Bond strength/adhesion for improved cementitious adhesives** Bond strength/adhesion for improved cementitious adhesives	EN 1348	**Declare a value** Declare a value	-		≥1.0 N/mm^2 (Class C2 - EN 12004)
		Reaction to fire Reaction to fire	-	**Class A1 or A1$_{fl}$** Class A1 or A1$_{fl}$	-		A1
Chemical features		**Resistance to household chemicals and swimming pool salts** Resistance to household chemicals and swimming pool salts	ISO 10545-13	**Minimum Class B (GB for unglazed tiles)** Minimum Class B (GB for unglazed tiles)			GA
		Resistance to low concentrations of acids and alkalis Resistance to low concentrations of acids and alkalis		**Declare a class** Declare a class	**Test method available** Test method available		GLA
		Resistance to high concentrations of acids and alkalis Resistance to high concentrations of acids and alkalis		**Declare a class** Declare a class	**Test method available** Test method available		GHA
		Resistance to staining for glazed tiles Resistance to staining for glazed tiles	ISO 10545-14	**Minimum Class 3** Minimum Class 3			GA

(*) The permissible deviation, in % or mm, of the average size for each tile (2 or 4 sides) from work size (W).
(**) The permissible deviation, in % or mm, of the average thickness for each tile from the work size thickness (W).
(***) The maximum permissible deviation from straightness, in % or mm, related to the corresponding work sizes (W).
(****) The maximum permissible deviation from rectangularity, in % or mm, related to the corresponding work sizes (W).
c.c. The maximum permissible deviation from centre curvature, in % or mm, related to diagonal calculated from the work sizes (W).
e.c. The maximum permissible deviation from edge curvature, in % or mm, related to the corresponding work sizes (W).
w The maximum permissible deviation from warpage, in % or mm, related to diagonal calculated from the work sizes (W).
(1) Requirements european standard EN 176.
(2) Determination of slip resistance of pedestrian surfaces; it does not cover sports surfaces and road surfaces for vehicles (skid resistance).

Anti-slip performance is guaranteed at the time of delivery of the product